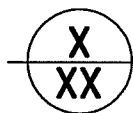


NOTES:

1. THE FLOW CHANNEL SHALL BE OPEN FOR THE FULL WIDTH OF MANHOLE
d = I.D. OF PIPE
2. THE SHELF (SLOPED 1" PER FT.) SHALL HAVE BROOM FINISH.
3. ALL PIPES SHALL BE SEALED IN WITH A 4" MORTAR FILLET. FOR PLASTIC PIPE, TWO WATERSTOPS SHALL BE ADDED AT EACH PIPE PENETRATION.
4. ANY SIDE INLET SHALL ENTER MANHOLE WITH INVERT AT LEAST 0.10' ABOVE INVERT OF OUTLET. IF PIPE SIZE INCREASES THRU MANHOLE, A DROP MANHOLE IS REQUIRED WHERE I.G. OF INLET IS OVER 6" ABOVE CROWN OF OUTLET.
5. MAINTAIN FULL PIPE DIAMETER AROUND SWEEP. DO NOT FAN-OUT. PROVIDE SMOOTH TRANSITION.



TYPICAL MANHOLE DETAIL

SCALE: NONE

**LBNL STANDARD
TYPICAL MANHOLE DETAIL**

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

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